**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1 (Currently Amended): A method for providing information regarding a piece of electronic mail (e-mail), comprising:

processing a data set containing transmission data associated with the e-mail so as to determine one or more steps in a propagation history of the e-mail, the transmission data including identifiers of a sender of the e-mail and of one or more recipients of at least a portion of the e-mail; and

graphically displaying the propagation history superimposed as a pathway on a chart showing a relationship among at least some of the sender and the one or more recipients.

2 (original): A method according to claim 1, wherein processing the data set comprises analyzing transmission information embedded in text of the e-mail.

3 (original): A method according to claim 1, wherein processing the data set comprises analyzing transmission information not contained in text of the e-mail.

4 (Currently Amended): ~~A method according to claim 1,~~ A method for providing information regarding a piece of electronic mail (e-mail), comprising:

processing a data set containing transmission data associated with the e-mail so as to determine one or more steps in a propagation history of the e-mail, the transmission data including identifiers of a sender of the e-mail and of one or more recipients of at least a portion of the e-mail; and

graphically displaying the propagation history,

wherein displaying the propagation history comprises designating a first visual symbol to represent transmission of the e-mail to a primary recipient, and designating a second visual symbol different from the first visual symbol to represent transmission of the e-mail to a secondary recipient.

5 (Currently Amended): ~~A method according to claim 1,~~ A method for providing information regarding a piece of electronic mail (e-mail), comprising:

processing a data set containing transmission data associated with the e-mail so as to determine one or more steps in a propagation history of the e-mail, the transmission data including identifiers of a sender of the e-mail and of

one or more recipients of at least a portion of the e-mail; and

graphically displaying the propagation history,

wherein displaying the propagation history comprises designating a first visual symbol to represent the sender and designating at least one visual symbol different from the first visual symbol to represent the one or more recipients.

6 (original): A method according to claim 5, wherein displaying the propagation history comprises designating a first color for the first visual symbol and designating a second color, different from the first color, for the at least one visual symbol.

Claim 7: (Canceled)

8 (Currently Amended): ~~A method according to claim 7,~~ A method for providing information regarding a piece of electronic mail (e-mail), comprising:

processing a data set containing transmission data associated with the e-mail so as to determine one or more steps in a propagation history of the e-mail, the transmission data including identifiers of a sender of the e-mail and of one or more recipients of at least a portion of the e-mail; and

graphically displaying the propagation history,

wherein graphically displaying the propagation
history comprises graphically displaying the steps in the
history in an animation mode.

9 (Currently Amended): ~~A method according to claim
7,~~ A method for providing information regarding a piece of
electronic mail (e-mail), comprising:

processing a data set containing transmission data
associated with the e-mail so as to determine one or more
steps in a propagation history of the e-mail, the transmission
data including identifiers of a sender of the e-mail and of
one or more recipients of at least a portion of the e-mail;
and

graphically displaying the propagation history,

wherein graphically displaying the propagation
history comprises:

displaying a representation of the sender and at
least one of the recipients; and

displaying a graphical representation of movement of
the e-mail from the sender to the at least one of the
recipients.

10 (original): A method according to claim 9,
wherein displaying the graphical representation of movement
comprises displaying an arrow.

11 (original): A method according to claim 1, wherein processing the data set comprises determining two or more steps in the propagation history of the e-mail, the transmission data including for each step in the propagation history identifiers of a sender and one or more recipients of a respective portion of the piece of e-mail, wherein the method comprises:

receiving from a user a designation of an electronic mail correspondent;

finding at least one identifier in the transmission data corresponding to the designated correspondent; and

displaying part of the piece of e-mail responsive to finding the at least one identifier.

12 (original): A method according to claim 11, wherein displaying part of the piece of e-mail comprises displaying e-mail content sent by the correspondent.

13 (original): A method according to claim 11, wherein displaying part of the piece of e-mail comprises displaying e-mail content sent to the correspondent.

14 (Currently Amended): A method according to claim 11, wherein the chart includes a chart of a hierarchy, wherein displaying comprises displaying the propagation history

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superimposed as the pathway on the hierarchy chart, and

comprising:

determining a location of the correspondent in [[a]]

the hierarchy; and

~~displaying the hierarchy; and~~

identifying for the user the location of the

correspondent in the hierarchy chart.

Claim 15: (Canceled)

16 (Currently Amended): A method according to ~~claim

15~~ claim 1, wherein ~~receiving the information comprises

receiving geographical information about the members~~ the

relationship includes a geographical relationship among at

least some of: the sender and the one or more recipients, and

wherein displaying comprises displaying the propagation

history superimposed as the pathway on the chart showing the

geographical relationship.

17 (Currently Amended): A method according to ~~claim

15~~ claim 1, wherein ~~receiving the information comprises

receiving hierarchical and geographical information about the

members~~ the relationship includes a hierarchical and

geographical relationship among at least some of: the sender

and the one or more recipients, and wherein displaying

comprises displaying the propagation history superimposed as

the pathway on the chart showing the hierarchical and
geographical relationship.

18 (Currently Amended): A method according to claim
15 claim 1, wherein receiving the information comprises
receiving hierarchical information about the members the
relationship includes a hierarchical relationship among at
least some of: the sender and the one or more recipients, and
wherein displaying comprises displaying the propagation
history superimposed as the pathway on the chart showing the
hierarchical relationship.

19 (Currently Amended): A method according to claim
18, wherein receiving hierarchical information comprises
receiving, for each one of a plurality of the members,
information indicating: (a) who reports to that member and (b)
to whom does that member report the hierarchical relationship
includes a reporting relationship among at least some of: the
sender and the one or more recipients, and wherein displaying
comprises displaying the propagation history superimposed as
the pathway on the chart showing the reporting relationship.

Claims 20-22: (Canceled)

23 (Currently Amended): Apparatus for providing information regarding a piece of electronic mail (e-mail), comprising:

a processor, configured to process a data set containing transmission data associated with the e-mail so as to determine one or more steps in a propagation history of the e-mail, the transmission data including identifiers of a sender of the e-mail and of one or more recipients of at least a portion of the e-mail; and

a display, configured to graphically display the propagation history superimposed as a pathway on a chart showing a relationship among at least some of: the sender and the one or more recipients.

24 (original): Apparatus according to claim 23, wherein the processor is configured to analyze transmission information embedded in text of the e-mail.

25 (original): Apparatus according to claim 23, wherein the processor is configured to analyze transmission information not contained in text of the e-mail.

26 (original): Apparatus according to claim 23, wherein the processor is configured to designate a first visual symbol to represent transmission of the e-mail to a primary recipient, and to designate a second visual symbol

different from the first visual symbol to represent

transmission of the e-mail to a secondary recipient.

27 (original): Apparatus according to claim 23,

wherein the processor is configured to designate a first

visual symbol to represent the sender, and to designate at

least one visual symbol different from the first visual symbol

to represent the one or more recipients.

28 (original): Apparatus according to claim 27,

wherein the processor is configured to designate a first color

for the first visual symbol, and to designate a second color,

different from the first color, for the at least one visual

symbol.

Claim 29: (Canceled)

30 (Currently Amended): Apparatus according to ~~claim
29~~ claim 23, wherein the processor is configured to drive the

display to graphically display the steps in the history in an

animation mode.

31 (Currently Amended): Apparatus according to ~~claim
29~~ claim 23, wherein the processor is configured to drive the

display to display a representation of the sender and at least

one of the recipients, and to display a graphical

representation of movement of the e-mail from the sender to the at least one of the recipients.

32 (original): Apparatus according to claim 23, wherein the processor is configured to determine two or more steps in the propagation history of the e-mail, the transmission data including for each step in the propagation history identifiers of a sender and one or more recipients of a respective portion of the piece of e-mail, and wherein the processor is configured to:

receive from a user a designation of an electronic mail correspondent;

find at least one identifier in the transmission data corresponding to the designated correspondent; and

drive the display to display part of the piece of e-mail responsive to finding the at least one identifier.

33 (Currently Amended): Apparatus according to claim 32, wherein the chart includes a chart of a hierarchy, wherein the display is configured to display the propagation history superimposed as the pathway on the hierarchy chart, and wherein the processor is configured to:

determine a location of the correspondent in the [[a]] hierarchy; and

drive the display to display the hierarchy; and

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drive the display to identify for the user the location of the correspondent in the hierarchy chart.

Claim 34: (Canceled)

35 (Currently Amended): Apparatus according to ~~claim 34~~ claim 23, wherein the relationship includes a hierarchical relationship among at least some of: the sender and the one or more recipients, and wherein the processor is configured ~~to receive information regarding a hierarchical relationship relating the members, and~~ to drive the display to display the propagation history ~~responsive to~~ superimposed as the pathway on the chart showing the hierarchical relationship.

Claim 36: (Canceled)

37 (Currently Amended): A computer program product for providing information regarding a piece of electronic mail (e-mail), the product comprising a computer-readable medium having program instructions embodied therein, which instructions, when read by a computer, cause the computer to:

process a data set containing transmission data associated with the e-mail so as to determine one or more steps in a propagation history of the e-mail, the transmission data including identifiers of a sender of the e-mail and of

one or more recipients of at least a portion of the e-mail;
and

graphically display the propagation history
superimposed as a pathway on a chart showing a relationship
among at least some of: the sender and the one or more
recipients.

38 (original): A computer program product according
to claim 37, wherein the instructions, when read by the
computer, cause the computer to analyze transmission
information embedded in text of the e-mail.

39 (original): A computer program product according
to claim 37, wherein the instructions, when read by the
computer, cause the computer to analyze transmission
information not contained in text of the e-mail.

40 (original): A computer program product according
to claim 37, wherein the instructions, when read by the
computer, cause the computer to designate a first visual
symbol to represent transmission of the e-mail to a primary
recipient, and to designate a second visual symbol different
from the first visual symbol to represent transmission of the
e-mail to a secondary recipient.

41 (original): A computer program product according to claim 37, wherein the instructions, when read by the computer, cause the computer to designate a first visual symbol to represent the sender and designate at least one visual symbol different from the first visual symbol to represent the one or more recipients.

42 (original): A computer program product according to claim 41, wherein the instructions, when read by the computer, cause the computer to designate a first color for the first visual symbol and designate a second color, different from the first color, for the at least one visual symbol.

Claim 43: (Canceled)

44 (Currently Amended): A computer program product according to ~~claim 43~~ claim 37, wherein the instructions, when read by the computer, cause the computer to graphically display the steps in the history in an animation mode.

45 (Currently Amended): A computer program product according to ~~claim 43~~ claim 37, wherein the instructions, when read by the computer, cause the computer to:

display a representation of the sender and at least one of the recipients; and

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display a graphical representation of movement of the e-mail from the sender to the at least one of the recipients.

46 (original): A computer program product according to claim 45, wherein the instructions, when read by the computer, cause the computer to display an arrow to represent the movement.

47 (original): A computer program product according to claim 37, wherein the instructions, when read by the computer, cause the computer to determine two or more steps in the propagation history of the e-mail, the transmission data including for each step in the propagation history identifiers of a sender and one or more recipients of a respective portion of the piece of e-mail, and wherein the instructions, when read by the computer, cause the computer to:

receive from a user a designation of an electronic mail correspondent;

find at least one identifier in the transmission data corresponding to the designated correspondent; and

display part of the piece of e-mail responsive to finding the at least one identifier.

48 (original): A computer program product according to claim 47, wherein the instructions, when read by the

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computer, cause the computer to display e-mail content sent by the correspondent.

49 (original): A computer program product according to claim 47, wherein the instructions, when read by the computer, cause the computer to display e-mail content sent to the correspondent.

50 (Currently Amended): A computer program product according to claim 47, wherein the chart includes a chart of a hierarchy, and wherein the instructions, when read by the computer, cause the computer to:

display the propagation history superimposed as the pathway on the hierarchy chart;

determine a location of the correspondent in [[a]] the hierarchy; and

~~display the hierarchy; and~~

identify for the user the location of the correspondent in the hierarchy chart.

Claim 51: (Canceled)

52 (Currently Amended): A computer program product according to ~~claim 51~~ claim 37, wherein the relationship includes a geographical relationship among at least some of: the sender and the one or more recipients, and wherein the

instructions, when read by the computer, cause the computer to ~~receive geographical information about the members~~ display the propagation history superimposed as the pathway on the chart showing the geographic relationship.

53 (Currently Amended): A computer program product according to ~~claim 51~~ claim 37, wherein the relationship includes a hierarchical and geographical relationship among at least some of: the sender and the one or more recipients, and wherein the instructions, when read by the computer, cause the computer to ~~receive hierarchical and geographical information about the members~~ display the propagation history superimposed as the pathway on the chart showing the geographic relationship.

54 (Currently Amended): A computer program product according to ~~claim 51~~ claim 37, wherein the relationship includes a hierarchical relationship among at least some of: the sender and the one or more recipients, and wherein the instructions, when read by the computer, cause the computer to ~~receive hierarchical information about the members~~ display the propagation history superimposed as the pathway on the chart showing the hierarchical relationship.

55 (Currently Amended): A computer program product according to claim 54, wherein the hierarchical relationship

includes a reporting relationship among at least some of: the sender and the one or more recipients, and wherein the instructions, when read by the computer, cause the computer to ~~receive for each one of a plurality of the members, information indicating: (a) who reports to that member and (b) to whom does that member report~~ display the propagation history superimposed as the pathway on the chart showing the reporting relationship.

Claims 56-58: (Canceled)

59 (Currently Amended): A method according to claim 14, wherein the hierarchy chart includes a tree, wherein determining the location of the correspondent comprises determining the location of the correspondent in the tree, wherein displaying the hierarchy chart comprises displaying the tree, and wherein identifying the location of the correspondent comprises identifying the location of the correspondent in the tree.

60 (Currently Amended): A method according to claim 14, wherein the hierarchy includes a hierarchy of an organization, wherein determining the location of the correspondent comprises determining the location of the correspondent in the hierarchy of the organization, wherein displaying the hierarchy chart comprises displaying the

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hierarchy chart of the organization, and wherein identifying

the location of the correspondent comprises determining the

location of the correspondent in the hierarchy chart of the

organization.

61 (Currently Amended): A method according to claim

18, wherein the hierarchical ~~information~~ relationship includes

an organizational hierarchical relationship among at least

some of: the sender and the one or more recipients, and

wherein displaying comprises displaying the propogation

history superimposed as the pathway on the chart showing

~~information about the members, and~~

~~wherein receiving the hierarchical information~~

~~comprises receiving~~ the organizational hierarchical

~~information~~ relationship.

62 (Currently Amended): A method according to ~~claim~~

~~20~~ claim 18, wherein the ~~hierarchy~~ chart showing the

hierarchical relationship includes a tree, ~~wherein displaying~~

~~the hierarchy comprises displaying the tree including the~~

~~members in the set,~~ and wherein displaying the propagation

history comprises displaying the propagation history ~~with~~

~~respect to~~ superimposed as the pathway on the tree.

63 (Currently Amended): Apparatus according to claim 33, wherein the hierarchy chart includes a tree, and wherein the processor is configured to:

determine a location of the correspondent in the tree;

drive the display to display the tree; and

drive the display to identify for the user the location of the correspondent in the tree.

64 (Currently Amended): Apparatus according to claim 33, wherein the hierarchy includes a hierarchy of an organization, and wherein the processor is configured to:

determine a location of the correspondent in the hierarchy of the organization;

drive the display to display the hierarchy chart of the organization; and

drive the display to identify for the user the location of the correspondent in the hierarchy chart of the organization.

65 (Currently Amended): Apparatus according to claim 35, wherein the hierarchical relationship includes an organizational hierarchical relationship ~~relating the members~~ among at least some of: the sender and the one or more recipients, and wherein the processor is configured ~~to receive~~

~~the information regarding the organization hierarchical~~ ~~relationship, and~~ to drive the display to display the propagation history ~~response to~~ <u>superimposed as the pathway on</u> <u>the chart showing</u> the organizational hierarchical relationship.

66 (Currently Amended): Apparatus according to claim 35, wherein the processor is configured to drive the display to display the hierarchical relationship as a tree, and the propagation history ~~with respect to~~ <u>superimposed as the</u> <u>pathway on</u> the tree.

67 (Currently Amended): A computer program product according to claim 50, wherein the hierarchy <u>chart</u> includes a tree, and wherein the instructions, when read by the computer, cause the computer to:

determine the location of the correspondent in the tree;

display the tree; and

identify the location of the correspondent in the tree.

68 (Currently Amended): A computer program according to claim 50, wherein the hierarchy includes a hierarchy of an organization, and wherein the instructions, when read by the computer, cause the computer to:

determine the location of the correspondent in the hierarchy of the organization;

display the hierarchy chart of the organization; and

identify the location of the correspondent in the hierarchy chart of the organization.

69 (Currently Amended): A computer program according to claim 54, wherein the hierarchical ~~information~~ relationship includes an organizational hierarchical ~~information about the members~~ relationship among at least some of: the sender and the one or more recipients, and

wherein the instructions, when read by the computer, cause the computer to ~~receive the~~ display the propagation history superimposed as the pathway on the chart showing the organizational hierarchical ~~information~~ relationship.

70 (Currently Amended): A computer program according to ~~claim 56~~ claim 54, wherein the ~~hierarchy~~ chart showing the hierarchical relationship includes a tree, and wherein the instructions, when read by the computer, cause the computer to[[:]]

~~display the tree including the members in the set;~~

~~and~~

display the propagation history ~~with respect to~~ superimposed as the pathway on the tree.